

**A METHOD OF TREATMENT FOR STROKE EMPLOYING ADMINISTRATION OF  
DEFIBRINOGENATING AGENTS TO ACHIEVE A SPECIFIC  
DEFIBRINOGENATION PATTERN**

**Abstract of the Invention**

The present invention provides a method for the treatment of acute ischemic stroke based on a specific rate and pattern of defibrinogenation and subsequent refibrogenation associated with optimized efficacy and significantly improved safety. The administration of a single dose of defibrinogenating agent to achieve an optimal rate of defibrinogenation avoids prolonged hypofibrinogenemia and concomitant adverse side effects such as intracranial hemorrhage. The defibrinogenating agent is administered as a single dose and time-weighted end of treatment fibrinogen levels of  $>70\text{mg/dL}$  are achieved by simply stopping administration of the defibrinogenating agent.